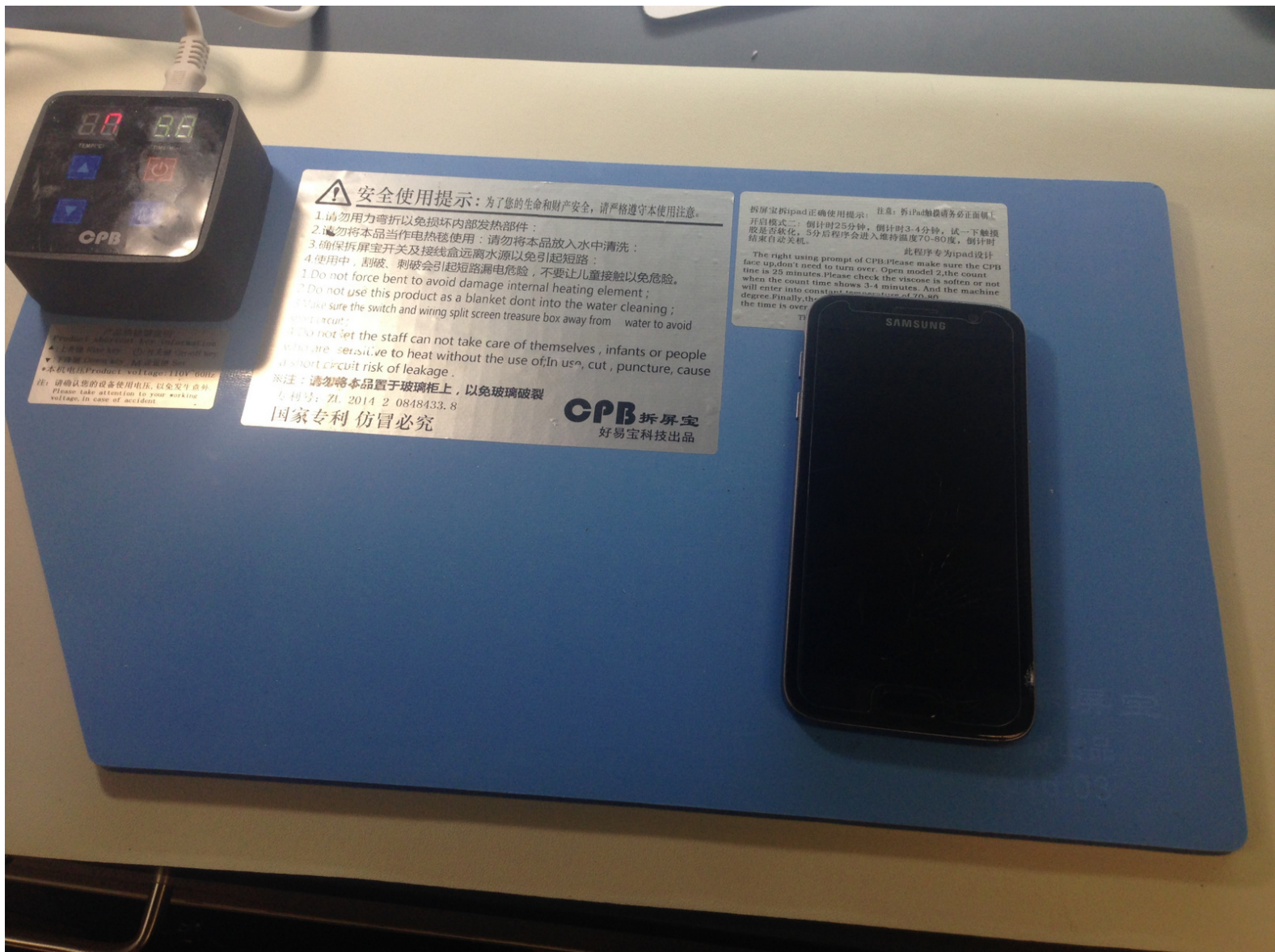




# Samsung Galaxy S7 Screen Assembly Replacement

Step by step Galaxy S7 Screen Replacement Guide

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## INTRODUCTION

This guide is going to show you how to replace the screen assembly on a Samsung Galaxy S7, complete with screw locations, and finer details.



### TOOLS:

- [Spudger](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Heat Pad](#) (1)



### PARTS:

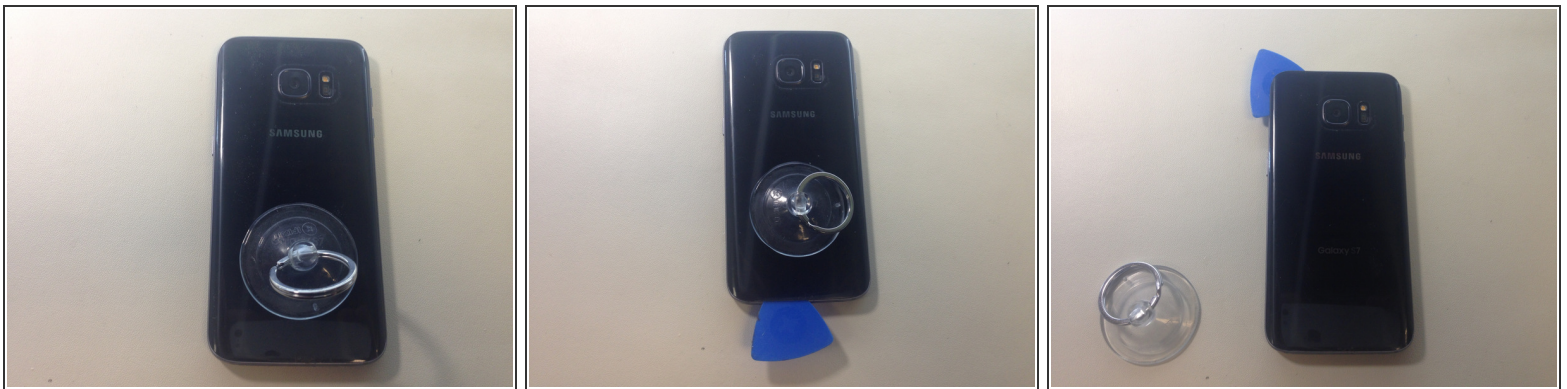
- [Galaxy S7 LCD Screen and Digitizer](#) (1)
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## Step 1 — Loosen the adhesive



- Heat the back of the phone to melt the adhesive holding the back plate on. I use an electronic heating pad, set to 60° Celsius. You can also use a heat gun, but I do not like using them. Be extra careful if using a heat gun, as they are easier to burn yourself with, and holding one over a phone for even just a little too long can damage it.

## Step 2 — Remove the back plate



- Use a suction cup on the bottom half of the back plate to begin to lift the bottom edge of the plate up, being careful not to apply too much pressure.
- Once you have enough of the back plate lifted to fit a guitar pick, insert one underneath. Slide the guitar pick around the entire edge of the phone to break the adhesive.
- Remove the back plate.

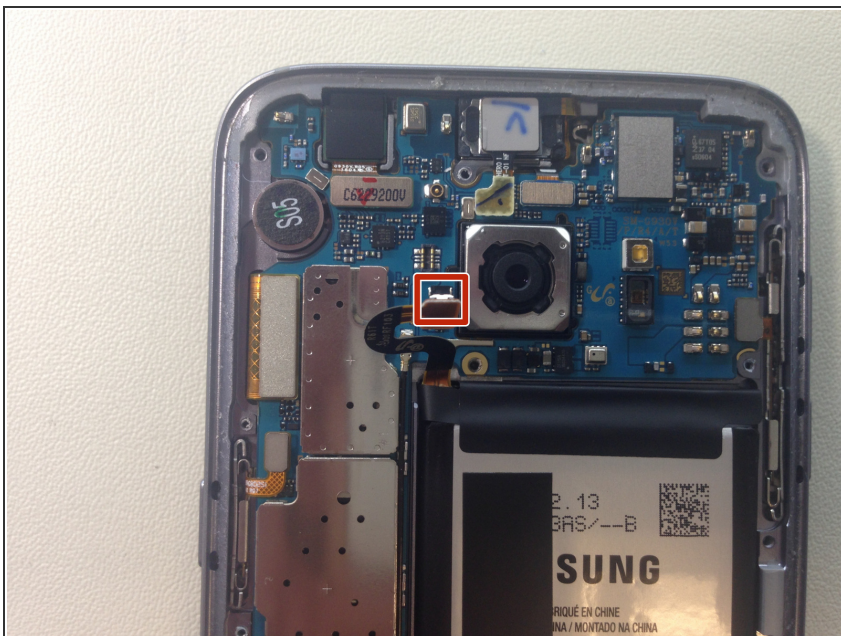


### Step 3 — Remove the plastic covers



- Using a Phillips #00 screw driver bit, remove the 11 screws holding the plastic covers, loudspeaker, and NFC antenna on.
- Using a guitar pick to break some light adhesive, remove the top two plastic plates, and the NFC antenna.
  - NOTE: If the adhesive is too strong, try applying more heat.
- Remove the loudspeaker assembly. You may have to peel up a small piece of gold/copper tape holding the assembly to the battery.

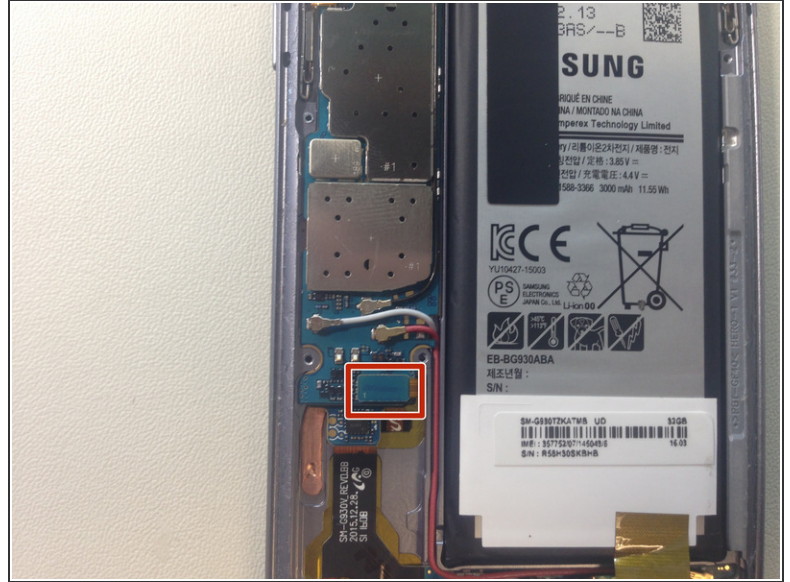
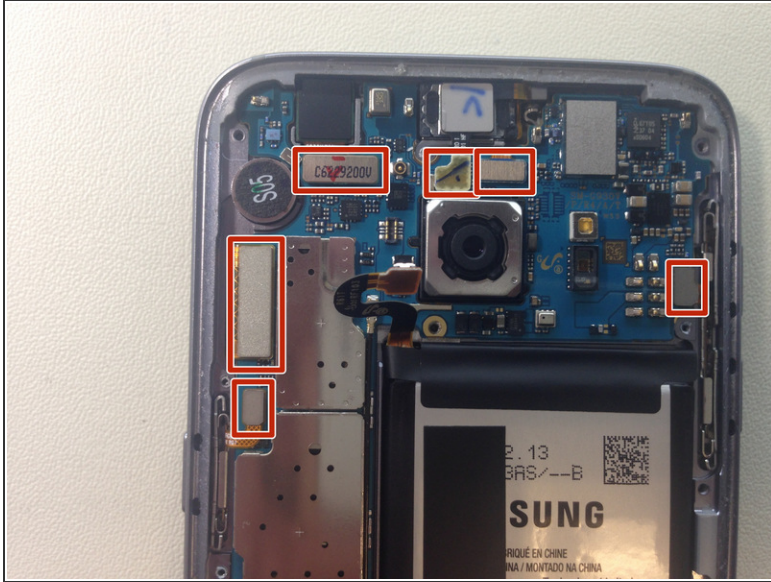
### Step 4 — Disconnect the battery



- Using the flat end of a spudger, disconnect the battery from the logic board.

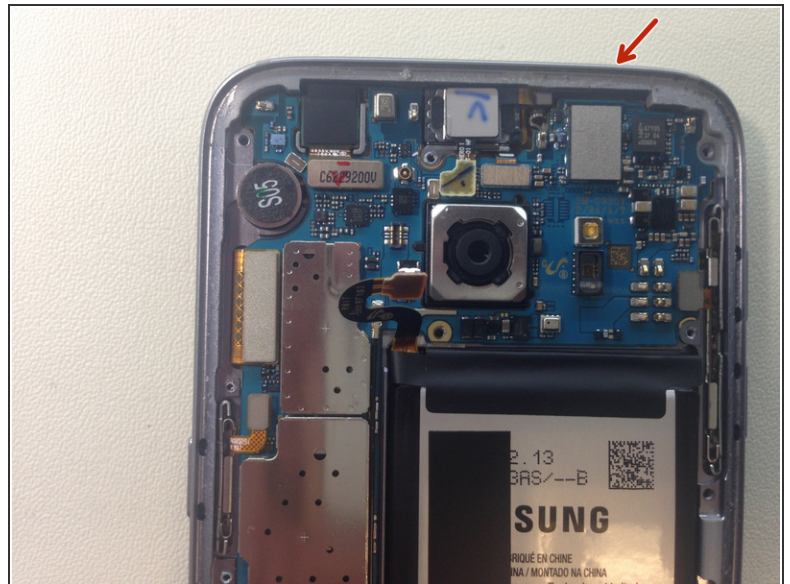
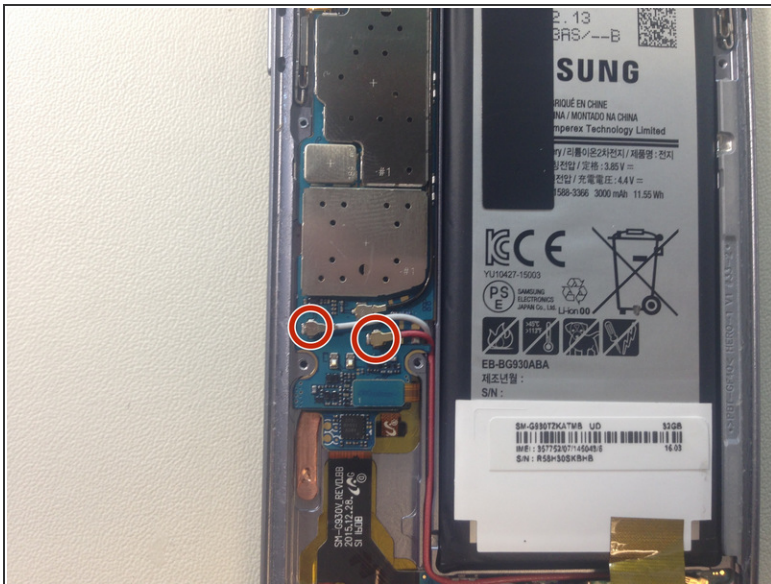


## Step 5 — Disconnect the flex cables



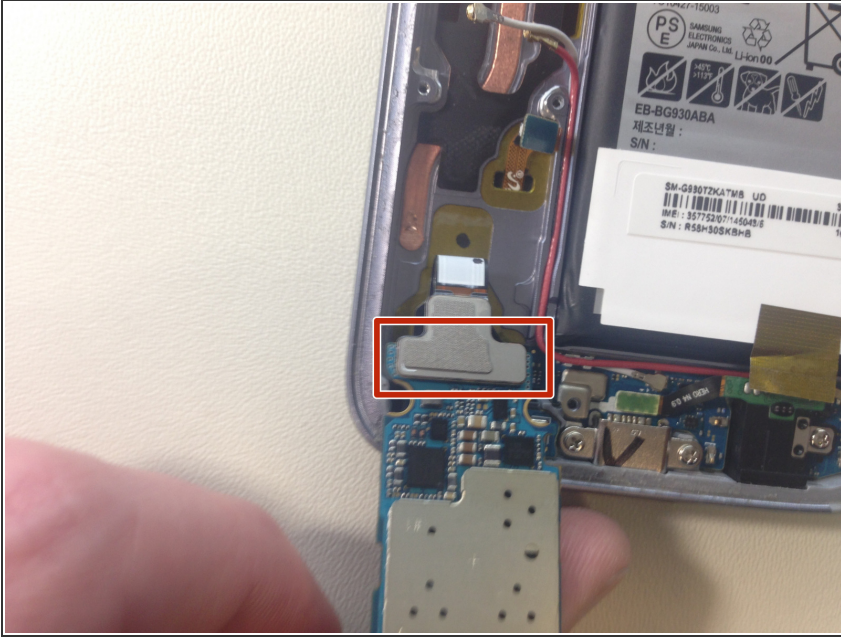
- Disconnect all other flex cables connected to the top of the logic board using the flat end of a plastic spudger.

## Step 6 — Disconnect the antennas and remove the SIM



- Using the pointed end of a plastic spudger, disconnect the white and red antenna cables from the logic board.
- Using a SIM card removal tool, eject the SIM Card/SD Card tray (Image 2 of this step. This tray is attached to the back of the logic board. Removing the logic board before doing this may damage it.)

## Step 7 — Disconnect the daughter board



- Gently lift the logic board up from the top of the phone towards the battery. **DO NOT** completely remove the logic board yet.
- **NOTE:** As you lift the logic board out, the front facing camera may fall out of the phone. If it does, set it to the side, on an anti-static mat.
- Using the flat end of a spudger, disconnect the USB daughter board connector from the back of the logic board.
- Remove the logic board, placing it to the side on an anti-static surface.



## Step 8 — Remove the screen



- Insert a guitar pick between the screen and the bezel of the phone. You may have to apply heat to loosen up the adhesive before this step.
- If necessary, use a small suction cup to slightly lift the screen so you can insert the guitar pick.
- Gently rotate the guitar pick around the outside of the phone to break the adhesive holding the screen on.
- Be extremely careful around the sides and bottom of the phone. If done incorrectly, you may damage the screen flex cable, or the softkey flex cables.
- Also be careful around the LCD. Make sure the guitar pick slides **BEHIND** the LCD, not in front of it, and that you have the guitar pick as flat as possible.
- Remove the screen.

To reassemble your device, follow these instructions in reverse order using a new screen assembly.

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